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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/667,259	09/19/2003	Jason Dondlinger	92/D03-008A	1150

34431 7590 04/16/2009  
HANLEY, FLIGHT & ZIMMERMAN, LLC  
150 S. WACKER DRIVE  
SUITE 2100  
CHICAGO, IL 60606

EXAMINER
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REDMAN, JERRY E

ART UNIT	PAPER NUMBER
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3634

MAIL DATE	DELIVERY MODE
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04/16/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/667,259

Applicant(s)

DONDLINGER ET AL.

Examiner

Jerry Redman

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period **will** apply and **will** expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply **will**, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 2-16, 34-41 and 43-52 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 2-16, 34-41, and 43-49 is/are allowed.
- 6) ☒ Claim(s) 50-52 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_.

Status of the claims is as follows:

Claims 1, 17-33, and 42 have been cancelled; and

Claims 2-16, 34-41, and 43-52 (52 newly added) are herein addressed below.

Claims 50-51 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 50, lines 13-15, the phraseology is not readily understood by the Examiner. Specifically, what is meant and/or defined by "the thermal insulation".

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

As best understood, claims 50-52 are further rejected under 35 U.S.C. 103(a) as being unpatentable over Ganzinotti (3,341,974) in view of Van Dyk (4,371,175).

Ganzinotti ('974) discloses a door system comprising a door exposed to an atmosphere of air comprising a door member (2, fixed), a door panel (3 or 7) that is movable relative to the door member (2), an inflatable seal (8, along the top and side or along the side and bottom) between the door member (2) and the door panel (3 or 7) having an air

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inlet (8b), an air outlet (8c) to atmosphere via the seal (8). Ganzinotti ('974) further discloses a pressure reducer (10, via a pump/blower) connected to either the door member (2) or door panel (3 or 7) via flexible pipes (column 2, lines 40-45) and a heating element (12). Figure 3 of Ganzinotti ('974) discloses the release of air along the bottom portion of the door panel (3 or 7) and Figure 4 discloses the air moving back through a fluid mover (i.e., pump/blower/fan). Ganzinotti ('974) fails to disclose a seal with thermal insulation. Van Dyk (4,371,175) discloses an inflatable seal having thermal insulation (the inner layer). It would have been obvious to one of ordinary skill in the art at the time of the invention to provide the seal of Ganzinotti ('974) with thermal insulation as taught by Van Dyk (4,371,175) since thermal insulation provides more heat transfer and thereby increases the efficiency of the system by preventing the build-up of frost. With respect to claim 52, it is inherent that almost all seals are formed with a "porous" material since rubbers are imperfect and allows a minimal amount of air to pass there through.

Claims 2-16, 34-41, and 43-49 are allowable.

The applicant's arguments have been considered but are not deemed persuasive. As discussed in detail above, the amended phraseology in claim 50 is not readily understood by the Examiner. The art still reads on the claims since the applicant has failed to positively define exactly what consists of "the thermal insulation". On one side (the colder air), the modified seal of Ganzinotti has thermal insulation and on the

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opposite side (the warmer air), it is merely a seal. Since the claims are read on the broadest possible interpretation, it is clear that the modified seal and door arrangement above still reads on the claims above.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerry Redman whose telephone number is 571-272-6835. The examiner can normally be reached on M-TH from 8 to 6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ms. Mitchell, can be reached on 571-272-7069. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Jerry Redman/  
Primary Examiner, Art Unit 3634